

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2003/002161

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C12N 15/12, C07K 14/47, C12N 15/62, C07K 16/18, A61K 48/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C12N, C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NCBI Genbank, EMBL, Swissprot, Delphion, Pubmed "IQGAP"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Database NCBI Genbank [on line] Accession No. AL365181, 22 Jan. 2002 Human DNA sequence from clone RP11-284F21 on chromosome 1, complete sequence	1- 9
A	Jon W. Erickson et al. " Identification of an actin cytoskeletal complex that includes IQGAP and the Cdc42 GTPase" J. Biol.Chem. Vol.272 No. 26, pp24443-24447, 26 Sep.1997	1- 33
A	Shinya Kuroda et al. " Identification of IQGAP as a putative target for the small GTPase, Cdc42 and Rac1" J. Biol. Chem Vol.271 No.38 pp23363-23367, 20 Sep. 1996	1- 33
A	Michael W. Briggs et al. "IQGAP1-mediated stimulation of transcriptional co-activation by beta-catenin is modulated by calmodulin", J. Biol. Chem. Vol.277 No.9 pp7453-7465, 1 Mar. 2002 Cited in the application	1- 33



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

28 JANUARY 2004 (28.01.2004)

Date of mailing of the international search report

28 JANUARY 2004 (28.01.2004)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

CHIO, Myung Sun

Telephone No. 82-42-481-5594



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This international Searching Authority found multiple inventions in this international application as follows:

1. Claims 1-33 (in part)

Inventions related to an isolated nucleic acid molecule comprising SEQ ID No.1 and No.3, and isolated nucleic acid molecule encoding SEQ ID No.2 and No.4.

2. Claims 1-33 (in part)

Inventions related to an isolated nucleic acid molecule comprising SEQ ID No.5, and isolated nucleic acid molecule encoding SEQ ID No.6.

3. Claims 1-33 (in part)

Inventions related to an isolated nucleic acid molecule comprising SEQ ID No.7, and isolated nucleic acid molecule encoding SEQ ID No.8.

4. Claims 1-33 (in part)

Inventions related to an isolated nucleic acid molecule comprising SEQ ID No.9, and isolated nucleic acid molecule encoding SEQ ID No.10.

5. Claims 1-33 (in part)

Inventions related to an isolated nucleic acid molecule comprising SEQ ID No.11, and isolated nucleic acid molecule encoding SEQ ID No.12.

6. Claims 1-33 (in part)

Inventions related to an isolated nucleic acid molecule comprising SEQ ID No.13 and No.15, and isolated nucleic acid molecule encoding SEQ ID No.14 and No.16.

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item I.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material

☒

a sequence listing

☐

table(s) related to the sequence listing

b. format of material

☐

in written format

☒

in computer readable form

c. time of filing/furnishing

☐

contained in the international application as filed

☒

filed together with the international application in computer readable form

☐

furnished subsequently to this Authority for the purposes of search

2. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

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